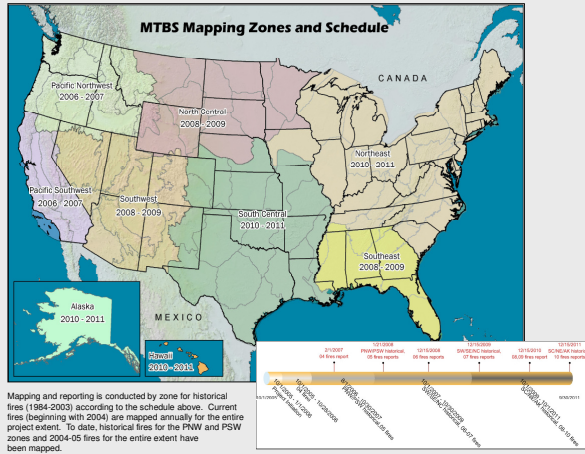


# MONITORING TRENDS IN BURN SEVERITY (MTBS)

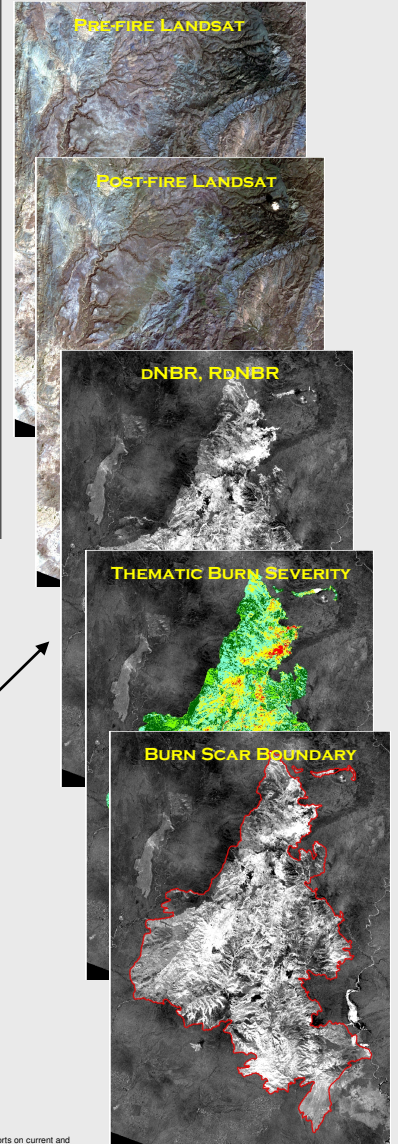
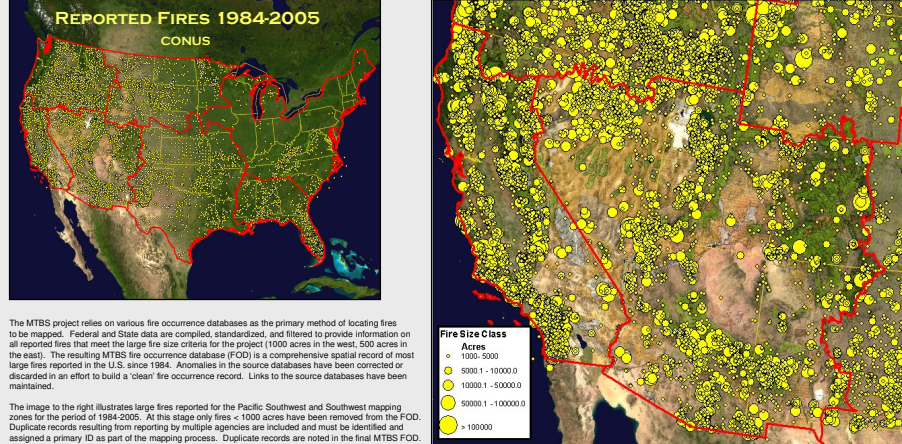
## HISTORICAL FIRE SEVERITY DATA IN THE SOUTHWESTERN UNITED STATES

THE MONITORING TRENDS IN BURN SEVERITY PROJECT MAPS THE FREQUENCY, EXTENT, AND MAGNITUDE (SIZE AND SEVERITY) OF ALL LARGE WILDLAND FIRES IN THE CONTERMINOUS UNITED STATES, ALASKA, AND HAWAII FOR THE PERIOD OF 1984 THROUGH 2010

### GEOGRAPHY AND SCHEDULE



### SOURCE



### DATA ACCESS & REPORTS

[WWW.MTBS.GOV](http://WWW.MTBS.GOV)

**Data Summaries**

**MTBS Data Summaries**

- Create tabular and graphical summaries from MTBS data
- Provide a quick and customizable way to access results from the MTBS project
- Provide the information requested in few steps, and tabular summaries will be created for online analysis or downloading

**Data Download**

**Interactive Data Viewer**

- Download of user-specified individual MTBS fire datasets for the United States
- Hosted by the USGS Earth Resources Observation Systems (EROS) Data Center

**Aggregated By Geographic Area/Year (Available Jan 2008)**

- Download MTBS fire datasets aggregated annually by three geographic areas (Eastern/Western United States and Alaska)
- Hosted by the USDA Forest Service Remote Sensing Applications Center (RSAC)

**Online MTBS Data Summaries**

**Step 1: Select Database and Reporting Period**

This website creates tabular and graphical summaries from MTBS data. This website is designed to provide a quick and customizable way for you to access results from the MTBS project. Simply provide the information requested in the following steps, and tabular summaries will be created for online analysis or downloading.

This portal into the MTBS data is not meant to provide answers to all of the questions you might have. The MTBS GIS data are available, which will let you perform customized analysis of your own.

**Database Selection**

The production schedule of the MTBS project creates two data sets - **Historical** and **Current** - that must be summarized separately. **Historical** MTBS data are those data that are available for the contiguous United States (CONUS), Alaska, Hawaii and Puerto Rico. These data are only available for the years shown below. **Current** MTBS data are those data that are available for the entire reporting period back to 1984. When the MTBS project is completed in 2011, these two datasets will be combined, but still must be accessed separately. The linked map (right) shows the MTBS production status. For the MTBS definitions please go to [Glossary](#) page.

☐ Historical Reports: 2004-2005  
☐ Historic Reports: 1984-2005

**Fire Occurrence Year**

Please select the year, or range of years, you would like the MTBS data summarized over:

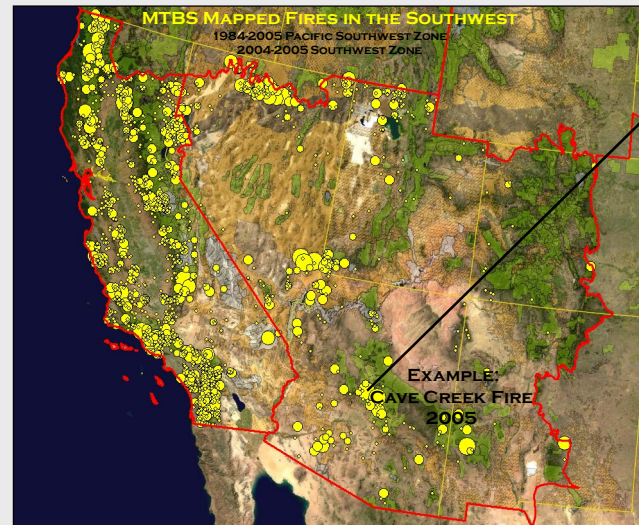
☐ Year: From:  To:   
☐ Range of years  
☐ All Years

**Step 2: Select Area of Interest and Summary Tables**

**Step 3: Review Query Logic**

**Step 4: Display Results**

### PRODUCTS



The MTBS project generates geospatial and tabular products that include Landsat reflectance data, burn severity layers, standardized fire occurrence data, and annual reports on current and historical trends in burn severity. MTBS burn severity data are produced through the consistent application of published, operational methods. Final burn severity products are the basis for monitoring and trends reporting at a National level. In addition to the final thematic products, the continuous burn severity data (dnBR and RdnBR) are made available to provide the greatest analytical flexibility across scales.

Access to information about the MTBS project as well as burn severity data and reports are available on the project website. Landsat data acquired and processed by the project have been added to the national MRLC archive and are available at no charge. Access to the MTBS Landsat data is through existing data access tools maintained by USGS (glovis.usgs.gov).

MTBS severity data can be downloaded through either of two access nodes. An interactive browsing application allows the user to select specific areas and periods of interest and is best suited for targeted data access. For spatially and temporally extensive downloads the data are available as spatially aggregated bundles by year for the western U.S., eastern U.S., and Alaska.

In addition to data access a simple summarization tool is available to support user defined queries of the available MTBS data. Fundamental questions about the acres of burn severity by class within States or Geographic Area Coordination Center boundaries and for a period of interest can be quickly answered without having to download and analyze data.

Annual reports will also be available through the website as they are completed. Currently the 2004, 2005\*, PNW historical\*, and PSW historical\* reports can be downloaded. MTBS reports are the primary project-sponsored means of presenting trends and pattern information about the severity data.

\*available February 08

